

Abstract of the Disclosure

**A SYSTEM AND METHODS FOR UNIFIED ROUTING OF MAILPIECES
AND PROCESSING SENDER NOTIFICATIONS**

A system and methods for routing mailpieces undeliverable as originally addressed is provided. The system and methods generate a single scan image of address block attributes that is segmented into
5 discrete indicators for subsequent generation of forwarding addresses and sender notifications so mailpieces are processed in a single operation. The segmented image also provides the information needed to generate sender notifications when such are requested.
10 Mailpieces to be returned to senders are similarly processed in a single operation. Multi-page mailpieces, such as magazines and articles, which cannot be delivered but which are not worth the cost of return postage, are processed by comparing the exposed
15 portion of the mailpieces to a set of stored images to determine who the sender is so that the sender can be notified. These various operations can be performed on the same system and for differently sized mailpieces.